

Summary

YOUR RESPONSIBILITY:

Make sure jacks are safe to use

Important:

This section applies to portable hand- or power-operated:

- Hydraulic jacks
- Mechanical ratchet jacks
- Mechanical screw jacks.

You must

LABELING

Make sure jacks are labeled with their rated load(s)
WAC 296-807-17005 170-2

BEFORE USE

Make sure the jack is safe to lift the load
WAC 296-807-17010 170-2

LIFTING THE LOAD

Lift the load safely
WAC 296-807-17015 170-3

INSPECTION AND MAINTENANCE

Visually inspect jacks and keep them in good
working order
WAC 296-807-17020 170-4



Jacks

WAC 296-807-170

Rule

LABELING

WAC 296-807-17005

Make sure jacks are labeled with their rated load(s)

You must

- Make sure the rated load(s) of the jack is:
 - Readable
 - Durably marked in an easily seen location on the jack.

BEFORE USE

WAC 296-807-17010

Make sure the jack is safe to lift the load

You must

- (1) Visually examine the general condition of the jack before each use.



Note:

If a jack is to be used more than once on a shift, the visual examination is only required before the jack is used for the first time that shift.

You must

- (2) Make sure the weight to be lifted or supported is within the rated load of the jack.
- (3) Make sure the base of the jack is on a firm foundation or blocked before lifting the load.
- (4) Make sure hydraulic jacks exposed to freezing temperatures function properly at the temperature they will be used.



LIFTING THE LOAD

WAC 296-807-17015

Lift the load safely

You must

- (1) Place a block between the load cap and the load if the load could slip off the jack.
- (2) Secure the load from falling or slipping immediately after it is raised by one or more of the following:
 - Cribbing
 - Blocking
 - Some other equally effective method.
- (3) Make sure you don't exceed the limit of travel of the jack.



Note:

The limit of travel can be determined by one or more of the following:

- A positive stop
- A stop indicator
- Some other equally effective method.



Jacks

WAC 296-807-170

Rule

INSPECTION AND MAINTENANCE

WAC 296-807-17020

Visually inspect jacks and keep them in good working order



Note:

There are 2 types of inspection, frequent or periodic, depending on how often they are done.

You must

(1) Inspect jacks at appropriate intervals:

- Make sure frequent inspections are done by the operator or other designated person as follows:
 - Before a jack is first placed in service.
 - Monthly for a jack used in normal service.
 - Daily or before each use for a jack used for other than normal service.
 - Before using a jack that has been altered, modified, or repaired.
 - Before using a jack that hasn't been used in one year or more.
- Make sure a periodic inspection of the jack is done once a year.
- Inspect the jack using Table 4, Jack Inspection Requirements, during any frequent or periodic inspection.

(2) Make sure a jack that is out of order is:

- Tagged
- Not used until repaired.

(3) Make sure a jack is properly lubricated at regular intervals.



Note:

The jack should be lubricated following the manufacturer's instructions.

- Continued -



WAC 296-807-17020 (Continued)

You must

Table 4
Jack Inspection Requirements

Inspection Item	Frequent Inspection	Periodic Inspection
Check all of the following items that apply to the jack:		
- Improper pawl engagement	X	X
- Excessive pawl wear	X	X
- Chipped, cracked, or worn rack teeth	X	X
- Damaged, bent, or worn threads	X	X
- Leaking hydraulic fluid	X	X
- Scored or damaged plunger	X	X
- Improper functioning	X	X
- Free movement of swivel, heads, and caps	X	X
- Loose bolts or rivets	X	X
- Damaged or improperly assembled accessory equipment	X	X
- Rack wear or bending	X	X
- Other items as specified in the manufacturer's instructions	X	X
Watch the jack during operation	X	X
More detailed inspection required if a designated person determines any condition discovered is a hazard	X	
Clean and check internal parts for wear or damage if inspection indicates an internal problem		X



Notes
